


```
LL      111111  88888888  DDDDDDDD  CCCCCCCC  FFFFFFFFFF  DDDDDDDD  EEEEEEEEEEE  FFFFFFFFFF
LL      111111  88888888  DDDDDDDD  CCCCCCCC  FFFFFFFFFF  DDDDDDDD  EEEEEEEEEEE  FFFFFFFFFF
LL      11      88      88  DD      DD  CC      FF      DD      DD  EE      FF
LL      11      88      88  DD      DD  CC      FF      DD      DD  EE      FF
LL      11      88      88  DD      DD  CC      FF      DD      DD  EE      FF
LL      11      88      88  DD      DD  CC      FF      DD      DD  EE      FF
LL      11      88888888  DD      DD  CC      FFFFFFFF  DD      DD  EEEEEEEEE  FFFFFFFF
LL      11      88888888  DD      DD  CC      FFFFFFFF  DD      DD  EEEEEEEEE  FFFFFFFF
LL      11      88      88  DD      DD  CC      FF      DD      DD  EE      FF
LL      11      88      88  DD      DD  CC      FF      DD      DD  EE      FF
LL      11      88      88  DD      DD  CC      FF      DD      DD  EE      FF
LL      11      88      88  DD      DD  CC      FF      DD      DD  EE      FF
LL      11      88      88  DD      DD  CC      FF      DD      DD  EE      FF
LLLLLLLLLL  111111  88888888  DDDDDDDD  CCCCCCCC  FF      DD      DDDDDDDD  EEEEEEEEEEE  FF
LLLLLLLLLL  111111  88888888  DDDDDDDD  CCCCCCCC  FF      DD      DDDDDDDD  EEEEEEEEEEE  FF

SSSSSSSS  DDDDDDDD  LL
SSSSSSSS  DDDDDDDD  LL
SS      DD      DD  LL
SS      DD      DD  LL
SS      DD      DD  LL
SS      DD      DD  LL
SSSSSS  DD      DD  LL
SSSSSS  DD      DD  LL
SS      DD      DD  LL
SS      DD      DD  LL
SS      DD      DD  LL
SS      DD      DD  LL
SSSSSSSS  DDDDDDDD  LLLLLLLLLL
SSSSSSSS  DDDDDDDD  LLLLLLLLLL
```

MODULE \$LIBDCFDEF; /* Definitions for LIB\$DECODE_FAULT

```
(*****
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```

```
/*
/* Operand definition codes
/*
AGGREGATE LIB$B_DCF_OPERAND STRUCTURE PREFIX LIB$;
    DCFACC      BITFIELD LENGTH 3 MASK; /* Operand access type
    DCFTYP      BITFIELD LENGTH 5 MASK; /* Operand data type
END LIB$B_DCF_OPERAND;
```

```
/*
/* Operand access type codes
/*
CONSTANT (
    DCFACC_R      /* Operand is to be read
    , DCFACC_M      /* Operand is to be modified
    , DCFACC_W      /* Operand is to be written
    , DCFACC_A      /* Operand is an address
    , DCFACC_V      /* Operand is a field (may be register or address)
    , DCFACC_B      /* Operand is a branch displacement
) EQUALS 1 INCREMENT 1 PREFIX LIB$;
```

```
/*
/* Operand data type codes
/*
CONSTANT (
    DCFTYP_B      /* Operand is a byte
    , DCFTYP_W      /* Operand is a word
    , DCFTYP_L      /* Operand is a longword
    , DCFTYP_Q      /* Operand is a quadword
    , DCFTYP_O      /* Operand is an octaword
    , DCFTYP_F      /* Operand is an F floating
    , DCFTYP_D      /* Operand is a D floating
```



```
      , DCFTYP_G      /* Operand is a G floating  
      , DCFTYP_H      /* Operand is an H floating  
      ) EQUALS 1 INCREMENT 1 PREFIX LIB$;
```

```
/*  
/* Combined operand access and data type codes  
/*
```

```
#ACC_A = 0:  
#ACC_R = 1:  
#ACC_M = 2:  
#ACC_W = 3:  
#ACC_V = 4:  
#ACC_B = 5:  
#TYP_B = 103:  
#TYP_W = 203:  
#TYP_L = 303:  
#TYP_Q = 403:  
#TYP_O = 503:  
#TYP_F = 603:  
#TYP_D = 703:  
#TYP_G = 803:  
#TYP_H = 903:
```

```
CONSTANT DCFOPR_AB EQUALS #ACC_A+#TYP_B PREFIX LIB$;  
CONSTANT DCFOPR_RB EQUALS #ACC_R+#TYP_B PREFIX LIB$;  
CONSTANT DCFOPR_MB EQUALS #ACC_M+#TYP_B PREFIX LIB$;  
CONSTANT DCFOPR_WB EQUALS #ACC_W+#TYP_B PREFIX LIB$;  
CONSTANT DCFOPR_VB EQUALS #ACC_V+#TYP_B PREFIX LIB$;  
CONSTANT DCFOPR_BB EQUALS #ACC_B+#TYP_B PREFIX LIB$;
```

```
CONSTANT DCFOPR_AW EQUALS #ACC_A+#TYP_W PREFIX LIB$;  
CONSTANT DCFOPR_RW EQUALS #ACC_R+#TYP_W PREFIX LIB$;  
CONSTANT DCFOPR_MW EQUALS #ACC_M+#TYP_W PREFIX LIB$;  
CONSTANT DCFOPR_WW EQUALS #ACC_W+#TYP_W PREFIX LIB$;  
CONSTANT DCFOPR_VW EQUALS #ACC_V+#TYP_W PREFIX LIB$;  
CONSTANT DCFOPR_BW EQUALS #ACC_B+#TYP_W PREFIX LIB$;
```

```
CONSTANT DCFOPR_AL EQUALS #ACC_A+#TYP_L PREFIX LIB$;  
CONSTANT DCFOPR_RL EQUALS #ACC_R+#TYP_L PREFIX LIB$;  
CONSTANT DCFOPR_ML EQUALS #ACC_M+#TYP_L PREFIX LIB$;  
CONSTANT DCFOPR_WL EQUALS #ACC_W+#TYP_L PREFIX LIB$;  
CONSTANT DCFOPR_VL EQUALS #ACC_V+#TYP_L PREFIX LIB$;  
CONSTANT DCFOPR_BL EQUALS #ACC_B+#TYP_L PREFIX LIB$;
```

```
CONSTANT DCFOPR_AQ EQUALS #ACC_A+#TYP_Q PREFIX LIB$;  
CONSTANT DCFOPR_RQ EQUALS #ACC_R+#TYP_Q PREFIX LIB$;  
CONSTANT DCFOPR_MQ EQUALS #ACC_M+#TYP_Q PREFIX LIB$;  
CONSTANT DCFOPR_WQ EQUALS #ACC_W+#TYP_Q PREFIX LIB$;  
CONSTANT DCFOPR_VQ EQUALS #ACC_V+#TYP_Q PREFIX LIB$;
```

```
CONSTANT DCFOPR_AO EQUALS #ACC_A+#TYP_O PREFIX LIB$;  
CONSTANT DCFOPR_RO EQUALS #ACC_R+#TYP_O PREFIX LIB$;  
CONSTANT DCFOPR_MO EQUALS #ACC_M+#TYP_O PREFIX LIB$;  
CONSTANT DCFOPR_WO EQUALS #ACC_W+#TYP_O PREFIX LIB$;  
CONSTANT DCFOPR_VO EQUALS #ACC_V+#TYP_O PREFIX LIB$;
```

```
CONSTANT DCFOPR_AF EQUALS #ACC_A+#TYP_F PREFIX LIB$;  
CONSTANT DCFOPR_RF EQUALS #ACC_R+#TYP_F PREFIX LIB$;  
CONSTANT DCFOPR_MF EQUALS #ACC_M+#TYP_F PREFIX LIB$;  
CONSTANT DCFOPR_WF EQUALS #ACC_W+#TYP_F PREFIX LIB$;  
CONSTANT DCFOPR_VF EQUALS #ACC_V+#TYP_F PREFIX LIB$;
```

```
CONSTANT DCFOPR_AD EQUALS #ACC_A+#TYP_D PREFIX LIB$;  
CONSTANT DCFOPR_RD EQUALS #ACC_R+#TYP_D PREFIX LIB$;  
CONSTANT DCFOPR_MD EQUALS #ACC_M+#TYP_D PREFIX LIB$;  
CONSTANT DCFOPR_WD EQUALS #ACC_W+#TYP_D PREFIX LIB$;  
CONSTANT DCFOPR_VD EQUALS #ACC_V+#TYP_D PREFIX LIB$;
```

```
CONSTANT DCFOPR_AG EQUALS #ACC_A+#TYP_G PREFIX LIB$;  
CONSTANT DCFOPR_RG EQUALS #ACC_R+#TYP_G PREFIX LIB$;  
CONSTANT DCFOPR_MG EQUALS #ACC_M+#TYP_G PREFIX LIB$;  
CONSTANT DCFOPR_WG EQUALS #ACC_W+#TYP_G PREFIX LIB$;  
CONSTANT DCFOPR_VG EQUALS #ACC_V+#TYP_G PREFIX LIB$;
```

```
CONSTANT DCFOPR_AH EQUALS #ACC_A+#TYP_H PREFIX LIB$;  
CONSTANT DCFOPR_RH EQUALS #ACC_R+#TYP_H PREFIX LIB$;  
CONSTANT DCFOPR_MH EQUALS #ACC_M+#TYP_H PREFIX LIB$;  
CONSTANT DCFOPR_WH EQUALS #ACC_W+#TYP_H PREFIX LIB$;  
CONSTANT DCFOPR_VH EQUALS #ACC_V+#TYP_H PREFIX LIB$;
```

```
CONSTANT DCFOPR_END EQUALS 0 PREFIX LIB$;
```

```
/*  
END_MODULE;
```


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